



MATERIAL SAFETY DATA SHEET

Prepared in accordance with the "Regulation on Preparation and Disposal of Safety Data Sheets for Hazardous Substances and Preparations" published in the Official Gazette dated December 13, 2014 and number 29204.

Sayfa 1/5

Product Name : IYOAKRIL BSF 50
Product Number : IYO712

Printed on : 07.08.2023
Revised on :03.03.2023

Product Name : IYOAKRIL BSF 50
Preparation / Release date : 06.07.2022
Revision date : 03.03.2023
Revision Number : 002

1-Product and Company Identification

1.1. Information about the mixture

Product Name: IYOAKRIL BSF 50

1.2. Mixed Use and Deprecated Usage

Designated Usage Area: Binder

1.3. Company Introduction

1.3.1. Producer Company Information

Company name : Iyonchem Kimya Teknoloji San. Ve Tic. LTD. ŞTİ.
Company address : Marmaracık Mah. 1984 sok. No:3 Ergene / TEKİRDAĞ
Telephone : +90 282 673 82 18
e-mail : info@iyonchem.com

1.4. Information for Emergency

e-mail : faruk@iyonchem.com
Telephone : +90 532 179 17 03

2- Identification of Hazards

2.1. Classification of the substance or mixture

Classification of substances and mixtures, labeling and packaging are not regulated by regulation.

2.2. Label Elements

- 2.2.1. Hazard Signs: No application
2.2.2. Warning Appointment: No application
2.2.3. Hazardous Exceptions: No application
2.2.4. Precautionary Exceptions: No application
2.3. Other damages:No

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Revised on : 02.01.2021

3- Composition / Contents Information

3.1. Materials

3.2. Mixtures

Chemical Structure	EC NO	CAS NO	% CONCENTRATION	CLASSIFICATION (Regulation No. 28848)
Water-based Styrene acrylic copolymer dispersion	-	-	48,00 – 52,00	-
Water	-	7732-18-5	48,00 – 52,00	-

4- First Aid Measures

4.1. Explanation of First Aid Measures

In case of contact with eyes:

Remove the contact lens if it is present and easy to remove. Wash eyes with plenty of running water for at least 15 minutes and seek medical advice immediately.

In contact with skin:

Wash with running water and soap. Substance / Remove contaminated clothing.

Inhalation:

Remove the victim to fresh air and ensure that it is in a position where it can breathe easily.

If swallowed:

Thoroughly rinse your mouth with water. Do not try to vomit.

4.2. Rapid and delayed important symptoms and effects

There is no known.

4.3. First signs for medical intervention and special treatment

First aid may be needed if this chemical is accidentally exposed or swallowed. Consult a doctor immediately.

5- Fire Fighting Measures

5.1. Fire Extinguisher

5.1.1. Suitable extinguishing media and materials

Foam and carbon dioxide. The necessary fire extinguishers should be placed in suitable places.

5.2. Special damages arising from substance or mixture:

There is no known.

5.3. Recommendations for fire fighting teams:

Fully equipped protective equipment should be worn when intervening in the fire.

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6- Accident Prevention Spread Measures

6.1. Personal precautions, protective equipment and emergency procedures:

Avoid contact with skin, eyes and clothing. Use personal protective clothing.
See chapter 8 for information on personal protective measures.

6.2. Environmental precautions:

Prevent the product from leaking into the sewer and fresh water sources and from spilling into the soil. If you can not prevent it, please inform the competent authorities and act accordingly.

6.3. Methods and materials for preservation and cleaning:

Clean liquid absorbent materials (eg sand, peat, sawdust, kieselguhr) Wash contaminated area with plenty of water.
Avoid accessing the drain to sewer, wastewater ducts.

6.4. References to Other Departments:

For personal protection refer to the information in chapter 8. For the disposal of wastes refer to the information contained in Title 13.

7- Handling and Storage

7.1. Precautions for safe handling:

Spilled substance increases the risk of slipping. Do not eat, drink or smoke during use.

7.2. Conditions for secure storage with disputes

Do not expose to direct sunlight. Keep in dry place. Avoid freezing. Store in a place where there is no icing. Keep the packaging cover closed when not in use. Must be kept away from food items and animal feed

7.3. Specific end uses:

There is no known..

8- Exposure Controls / Personal Protection

8.1. Control parameters:

There is no known..

8.2. Exposure Controls

8.2.1. Appropriate Engineering Controls

Observe the occupational exposure limit for product and ingredients. Provide adequate ventilation. Avoid breathing vapors. Take care to use personal equipment.

8.2.2. Personal Protective Equipment



Respiratory Protection

A mask may be used despite the fact that the vapor is inhaled.

Eye / Face Protection

Protective goggles may be used despite the product being splashed.

Skin Protection

The product may be worn as apron or protective clothing to prevent skin contact.

Protection of hands

Gloves made of rubber material can be used to prevent product contact with the hand.

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9- Physical and Chemical Properties

9.1. Information on Basic Physical and Chemical Properties

Physical state : Viscous liquid
Odor : Characteristic
Viscosity: : 7,000 – 14,000 cps (Brookfield, 23 °C)
Solubility in water : miscible in any ratio with water.
pH (23 ° C) : 7,00 – 9,00

9.2. Other informations

Solid % : 49,00 – 51,00

10- Stability and Reaction

10.1. Reaction

No known dangerous reaction

10.2. Chemical Stability

Stable under specified use and storage conditions. (See Heading 7)

10.3. Hazardous Decomposition

There is no known.

10.4. Conditions to Avoid

None if used according to instructions for use.

10.5. Items to Avoid

There is no known.

10.6. Harmful Degradation Products

There is no known.

11- Toxicological Information

11.1. Information on toxic effects

May cause irritation when in contact with skin and mucous membrane.

12- Ecological Information

12.1. Ecotoxicity

There is no known negative effect on the aquatic environment.

12.2. Persistence and degradability

3.12. Bio-potential

Bioaccumulation does not appear in the product.

12.4. Mobility in Soil

The product can spread in water and aqueous systems.

12.5. Results of PBT and vPvB Assessment

The product does not contain any substances of the PBT or vPvB class.

12.6. Other Adverse Effects

Adverse effects are unknown.



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13- Disposal Information

13.1. Waste Processing Methods

Disposal (disposal) of wastes in accordance with the regulations must be carried out by private establishments with legal permission. It should be diluted with adequate water and given to the waste system. Packaging can only be recycled when it is completely empty. Empty packs should only be used for regeneration.

14- Transportation Information

14.1.ADR/RID ,ADN,ICAO/IATA,IMDG ;

Not dangerous goods according to transport regulations.

15- Regulatory information

15.1. Private Safety, Health and Environment Legislation for Substance or Mixture

Hazardous Substances and Mixtures Safety Data Sheets for Hazardous Substances and Mixtures.

16- Other informations

16.1. All harmfulness and precautions expressions (Regulation No. 28 848)

16.2. Key Information Sources

This safety data sheet is based on data provided by CLP ANNEX-6 and ECHA. This product is **APEO FREE**.

16.3. Update

This SDS was prepared according to SDS regulation dated 13.12.2014 and numbered 29204.

Prepared by: Muzaffer Altay

Certificate No : KDU-F-05-010222

Effective date : 05.08.2027

The information in this safety data sheet is based on our current knowledge and experience and describes the product in terms of safety requirements. The information does not define the product specifications (product specification). Apparently any feature is not based on product-specific compliance, the information contained in the safety data sheet. Intellectual property rights are the responsibility of the buyer of the product to protect existing laws and regulations.